



# X-Band Receive Reject Filter

## Model 17662

Utilizing leading-edge technology, the model 17662 is one of the most **compact** X-band uplink filters available in the industry.

Unlike standard industry **RRFs**, this filter also rejects X-band 2nd harmonics and transmissions from these other potential sources of interference:

**C-band** ..... 3.4 - 6.725 GHz

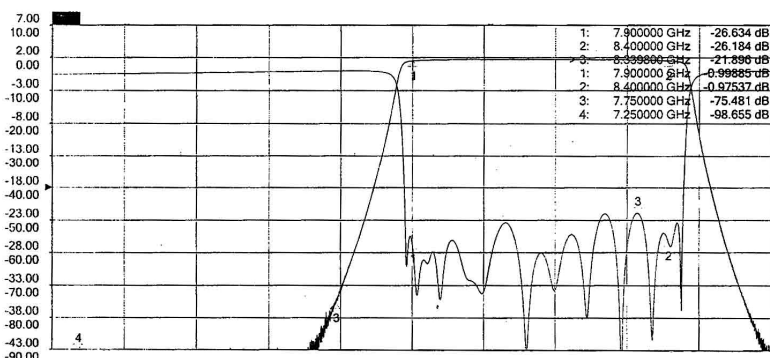
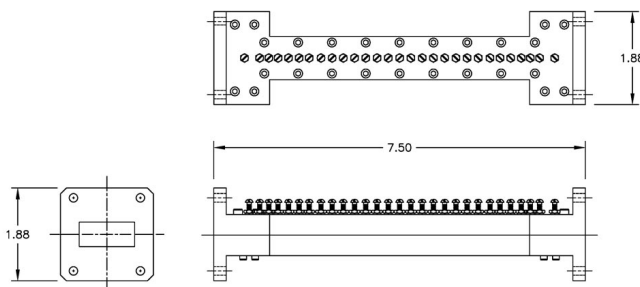
### Maritime & Aeronautical

**Radionavigation** ..... 9 - 11 GHz

**Ku-band** ..... 10.7 - 14.5 GHz

..... Making it the **RRF** of choice at “high-density” transmit sites.

- *Compact Size - Ideal for use in confined spaces.*
- *Other flange configurations are available upon request.*



### Specifications:

Passband:	7.9 - 8.4 GHz
Passband Loss:	1 dB Typ
Passband Return Loss:	18 dB Min
Rejection:	80 dB Typ from DC to 7 GHz 75 dB Min from 7.25 - 7.75 GHz 80 dB Typ from 9 - 15 GHz 10 dB Typ from 15.8 - 16.8 GHz (X-band 2nd Harmonics)
Operating Temp Range:	-30°C to +65°C
Flanges:	WR112 Cover
Weight:	0.7 lbs (0.31 Kg)
Dimensions:	7.5" x 1.88" x 1.88" (190mm x 48mm x 48mm)
Finish:	Flat Black Lacquer

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